

Form PTO-1449 (modified)

Atty. Docket No.  
UTSC:865USSerial No.  
10/829,661

List of Patents and Publications for Applicant's

Applicant  
Xiang-Yang Han *et al.*

INFORMATION DISCLOSURE STATEMENT

Filing Date:  
April 22, 2004Group:  
1645

(Use several sheets if necessary)

U.S. Patent Documents

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Foreign Patent Documents

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/JH/	A1	4,659,774	4/21/87	Webb and Hsu	525	54.2	11/01/85
	A2	4,683,202	7/28/87	Mullis	435	91	10/25/85
	A3	4,800,159	1/24/89	Mullis <i>et al.</i>	435	172.3	12/17/86
	A4	4,816,571	2/28/89	Andrus <i>et al.</i>	536	27	6/04/87
	A5	4,959,463	9/25/90	Froehler and Matteucci	536	27	9/19/86
	A6	5,141,813	8/25/92	Nelson	428	402	8/28/89
	A7	5,264,566	11/23/93	Froehler and Matteucci	536	25.34	4/26/90
	A8	5,428,148	6/27/95	Reddy and Hanna	536	26.8	4/24/92
	A9	5,554,744	9/10/96	Bhongle and Tang	536	25.3	9/23/94
	A10	5,574,146	11/12/96	Reddy <i>et al.</i>	536	25.34	8/30/94
	A11	5,602,244	2/11/97	Caruthers <i>et al.</i>	536	25.6	5/08/95
	A12	5,843,663	12/01/98	Stanley <i>et al.</i>	435	6	5/24/96
	A13	5,849,481	12/15/98	Ureda <i>et al.</i>	435	6	6/05/95
	A14	5,849,486	12/15/98	Heller <i>et al.</i>	435	6	9/27/95
	A15	5,851,772	12/22/98	Mirzabekov <i>et al.</i>	435	6	1/29/96
	A16	5,900,481	5/04/99	Lough and Köster	536	55.3	11/06/96
✓	A17	5,919,626	6/06/99	Shi and Boyce-Jacino	435	6	6/06/97

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

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EXAMINER: /Jana Hines/ (03/13/2007)

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U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 2</i>	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/JH/	C1	"Brief Reports," <i>Clin. Infect. Dis.</i> , 31:181-204, 2000.
	C2	Ascioglu <i>et al.</i> , "Defining opportunistic invasive fungal infections in immunocompromised patients with cancer and hematopoietic stem cell transplants: an international consensus," <i>Clin. Infect. Dis.</i> , 34:7-14, 2002.
	C3	Baddley <i>et al.</i> , "Invasive mold infections in allogeneic bone marrow transplant recipients," <i>Clin. Infect. Dis.</i> , 32(9):1319-1324, 2001.
	C4	Boom <i>et al.</i> , "Rapid and simple method for purification of nucleic acids," <i>J. Clin. Microbiol.</i> , 28:495-503, 1990.
	C5	Bowman <i>et al.</i> , "Quantitative PCR assay to measure aspergillus fumigatus burden in a murine model of disseminated aspergillosis: demonstration of efficacy of caspofungin acetate," <i>Antimicrob. Agents Chemother.</i> , 45(12):3474-3481, 2001.
	C6	Brakhage and Langfelder, "Menacing mold: the molecular biology of aspergillus fumigatus," <i>Annu. Rev. Microbiol.</i> , 56:433-455, 2002.
	C7	Bretagne <i>et al.</i> , "Comparison of serum galactomannan antigen detection and competitive polymerase chain reaction for diagnosing invasive aspergillosis," <i>Clin. Infect. Dis.</i> , 26:1407-1412, 1998.
	C8	Choudhury <i>et al.</i> , "Antifungal activity of trimethyltinbenzoate-4-picoline," ( <i>Indian</i> ) <i>J. Pharmaceut. Sci.</i> , 63(1):58-60, 2001.
	C9	Einsele <i>et al.</i> , "Detection and identification of fungal pathogens in blood by using molecular probes," <i>J. Clin. Microbiol.</i> , 35(6):1353-1360, 1997.
	C10	Erjavec and Verweij, "Recent progress in the diagnosis of fungal infections in the immunocompromised host," <i>Drug Resistance Updates</i> , 5(1):3-10, 2002.
	C11	Fahle <i>et al.</i> , "Comparison of six commercial DNA extraction kits for recovery of cytomegalovirus DNA from spiked human specimens," <i>J. Clin. Microbiol.</i> , 38(10):3860-3863, 2000.
↓	C12	Ferns <i>et al.</i> , "The prospective evaluation of a nested polymerase chain reaction assay for the early detection of Aspergillus infection in patients with leukemia or undergoing allograft treatment," <i>Br J Haematol</i> , 119(3):720-52, 002.

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### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C13	Forster, <i>Ann. Phys.</i> , "Zwischenmolekulare energiewanderung und fluoreszenz," 2(1-2):55-75, 1948. 
/JH/	C14	Hebart <i>et al.</i> , "Early detection of aspergillus infection after allogeneic stem cell transplantation by polymerase chain reaction screening," <i>J. Infect. Dis.</i> , 181:1713-1719, 2000.
	C15	Higuchi <i>et al.</i> , "Kinetic PCR analysis: real-time monitoring of DNA amplification reactions," <i>Biotechnology</i> , 11(9):1026-1030, 1993.
	C16	Holland <i>et al.</i> , "Detection of specific polymerase chain reaction product by utilizing the 5'----3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase.," <i>Proc. Natl. Acad. Sci., USA</i> , 88:7276-7280, 1991.
	C17	Innis <i>et al.</i> , <i>PCR Protocols: A Guide to Methods and Application</i> , Academic Press, Inc., San Diego, CA, 1990.
	C18	Itakura and Riggs, "Chemical DNA synthesis and recombinant DNA studies," <i>Science</i> , 209:1401-1405, 1980.
	C19	Kontoyiannis <i>et al.</i> , "Significance of aspergillemia in patients with cancer: a 10-year study," <i>Clin. Infect. Dis.</i> , 31:188-189, 2000.
	C20	Latgé, "Aspergillus fumigatus and aspergillosis," <i>Clin. Microbiol. Rev.</i> , 12(2):310-350, 1999.
	C21	Lakowicz, Energy Transfer in: <i>Principles of Fluorescent Spectroscopy</i> , Plenum Press, NY, 303-339, 1983.
	C22	Lee <i>et al.</i> , "Allelic discrimination by nick-translation PCR with fluorogenic probes," <i>Nucleic Acids Research</i> , 21:3761-3766, 1993.
	C23	Maertens <i>et al.</i> , "Screening for circulating galactomannan as a noninvasive aspergillosis in prolonged neutropenic patients and stem cell transplantation recipients: a prospective validation," <i>Blood</i> , 97(6):1604-1610, 2001.
	C24	Oliveria <i>et al.</i> , "Fungal infections in marrow transplant recipients under antifungal prophylaxis with fluconazole," <i>Braz. J. Med. Biol. Res.</i> , 35(7):789-798, 2002.
	C25	Paterson and Singh, "Invasive aspergillosis in transplant recipients," <i>Medicine</i> , 78(2):123-138, 1999.
✓	C26	Raad <i>et al.</i> , "Diagnosis of invasive pulmonary Aspergillosis using polymerase chain reaction-based detection of <i>Aspergillus</i> in BAL," <i>Chest</i> , 121(4):1171-1176, 2002.

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Exam. Init.	Ref. Des.	Citation
/JH/	C27	Soubani <i>et al.</i> , "The clinical spectrum of pulmonary aspergillosis," <i>Chest</i> , 121(6):1988-1999, 2002.
	C28	Stynen <i>et al.</i> , "A new sensitive sandwich enzyme-linked immunosorbent assay to detect galactofuran in patients with invasive aspergillosis," <i>J. Clin. Microbiol.</i> , 33(2):497-500, 1995.
	C29	Tarrand <i>et al.</i> , "Diagnosis of invasive septate mold infections: a correlation of microbiological culture and histologic or cytologic examination," 38 <sup>th</sup> Annual Meeting of the Infectious Diseases Society of America (IDSA), abstract #276, 2000.
	C30	Van Burik <i>et al.</i> , "Panfungal PCR assay for detection of fungal infection in human blood specimens," <i>J. Clin. Microbiol.</i> , 36(5):1169-1175, 1998.
	C31	Vogeser <i>et al.</i> , "Postmortem analysis of invasive aspergillosis in a tertiary care hospital," <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 16:1-6, 1997.
	C32	Williamson <i>et al.</i> , "Diagnosis of invasive aspergillosis in bone marrow transplant recipients by polymerase chain reaction," <i>Br. J. Haematol.</i> , 108:132-139, 2000.
	C33	Yamakami <i>et al.</i> , "PCR detection of DNA specific for aspergillus species in serum of patients with invasive aspergillosis," <i>J. Clin. Microbiol.</i> , 34(10):2464-2468, 1996.
↓	C34	Zerva <i>et al.</i> , "Serum is the preferred clinical specimen for diagnosis of human brucellosis by PCR," <i>J. Clin. Microbiol.</i> , 39(4):1661-1664, 2001.

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